

HISTORIC AMERICAN ENGINEERING RECORD

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Edwards Air Force Base, North Base,
Deluge Water Pumping Station (Building 4317)
Near Second and D Streets
Boron Vicinity
Kern County
California

HAER No. CA-170-H

Photographers' Credits:

Credit BG: Brian Grogan, Photography and Preservation Associates, Inc., September 1995

Credit USAF: Photographic copy of original United States Air Force photograph; photographers' names not determined, dates as cited

- CA-170-H-1** Credit USAF, ca. 1942. Original housed in the Muroc Flight Test Base, Unit History, 1 September 1942 - 30 June 1945. Alfred F. Simpson Historical Research Agency. United States Air Force. Maxwell AFB, Alabama. Historical view looks west southwest at construction of Building 4317, Deluge Water Pumping Station (then designated Pump House No. 3). This in-ground structure houses fire pumps which draw water from an in-ground reservoir, Building 4316 (See HAER photos CA-170-I). Pumping station was built in-ground to take advantage of gravity, since water flows from reservoir to prime the pumps, and fire system piping is underground. Opening in far wall is to stairs leading up to ground level. Earth mound in background is part of water reservoir construction (Building 4316).
- CA-170-H-2** Credit BG. View looks west southwest (245°) at Building 4317, Deluge Water Pumping Station. The machinery in this structure draws water from an in-ground reservoir, Building 4316, whose round roof is visible at left rear of this view.
- CA-170-H-3** Credit BG. Interior view looks northeast (46°) at fire pumps, valves, and emergency generator (powered by an internal combustion engine).
- CA-170-H-4** Credit BG. Interior detail view of entry stairs at southwest end of Deluge Water Pumping Station. The left wall has a slight curve.

EDWARDS AFB, NORTH BASE
DELUGE WATER PUMPING STATION (BUILDING 4317)
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Photographic copy of engineering drawing showing plans, elevation and section of Deluge Water System, including reservoir (4316), Pump House (4317), and water tower. Job No. Muroc A(5-11), Military Construction, San Bernardino-Mojave Area, San Bernardino, Calif[ornia]: Muroc Bombing Range, Muroc Lake, Calif[ornia].; **Additional Facilities for Materiel Center Flight Test Base, Water Supply System, Plans and Sections**, Sheet 5 of 10, May 1943. Records on file at AFFTC/CE-CECC-B (Design/Construction Flight/RPMC), Edwards AFB, California.